

### Abstract

Moisture is removed from gas by contacting the gas with a solution of potassium formate to remove moisture from the gas, 10 regenerating the potassium formate solution by removing water from it, and returning the potassium formate solution to contact gas to dehydrate it. Regeneration of the potassium formate solution is most preferably accomplished in a cavitation regenerator. The gas is most preferably natural gas.